Moving construction material in a smarter, safer and cleaner way

The Safety, Productivity & Environment Construction Transport Scheme (SPECTS) is a NSW Government initiative designed to improve the safety, environmental performance and productivity of heavy vehicles used by the construction industry in the Sydney – Newcastle – Wollongong area.

Similar in size and performance to heavy vehicles in use today, SPECTS vehicles are able to carry greater loads of the construction materials required to build housing and infrastructure, while offering increased safety and efficiency.

$72.7 billion
NSW infrastructure investment over the next 4 years

207,650 new homes by 2021
SPECTS Vehicles Are More Productive = Less Truck Movements

- 12.5% less trips
- 21.95% increase in payload capacity

SPECTS Vehicles Have More Safety Features = Safer Roads

- Higher centre of gravity
- Lower centre of gravity
- Anti-lock Braking System (ABS)
- Electronically Stability Control
- Cameras and blind spot mirrors
- Enhanced vehicle visibility markings
- Reverse lamp
- Light-emitting diode (LED) tail lights
- On-board scales and satellite tracking

SPECTS Vehicles Produce Less Emissions = Improved Environmental Performance

- 84.61% reduction in emissions
- 5.7–8.2% reduction in noise levels

- Non SPECTS vehicle: 0.13g/kWh (Euro 3 engine)
- SPECTS vehicle: 0.02g/kWh (Euro 5 engine)